

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/549,707
Source: PCT
Date Processed by STIC: 10/03/2005

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/03/2005

PATENT APPLICATION: US/10/549,707

TIME: 14:27:35

Input Set : A:\sequence listing, text format.txt

Output Set: N:\CRF4\10032005\J549707.raw

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3 <110> APPLICANT: Masataka KUWANA and Hiroaki KODAMA
5 <120> TITLE OF INVENTION: Monocyte-origin Multipotent Cell MOMC
7 <130> FILE REFERENCE: 4439-4036
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/549,707
C--> 9 <141> CURRENT FILING DATE: 2005-09-15
9 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/003680
10 <151> PRIOR FILING DATE: 2004-03-18
12 <160> NUMBER OF SEQ ID NOS: 34
14 <170> SOFTWARE: PatentIn version 3.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 20
18 <212> TYPE: DNA
19 <213> ORGANISM: Artificial
21 <220> FEATURE:
22 <223> OTHER INFORMATION: MLC2v-sense primer
24 <400> SEQUENCE: 1
25 tgacaagaac gatctgagag 20
28 <210> SEQ ID NO: 2
29 <211> LENGTH: 20
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial
33 <220> FEATURE:
34 <223> OTHER INFORMATION: MLC2v-antisense primer
36 <400> SEQUENCE: 2
37 caggttcttg tagtccaagt 20
40 <210> SEQ ID NO: 3
41 <211> LENGTH: 21
42 <212> TYPE: DNA
43 <213> ORGANISM: Artificial
45 <220> FEATURE:
46 <223> OTHER INFORMATION: Osterix-sense primer
48 <400> SEQUENCE: 3
49 cttgtgcctg atacctgcac t 21
52 <210> SEQ ID NO: 4
53 <211> LENGTH: 22
54 <212> TYPE: DNA
55 <213> ORGANISM: Artificial
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Osterix-antisense primer
60 <400> SEQUENCE: 4
61 tcactctacc tgaccgtca tc 22
64 <210> SEQ ID NO: 5
65 <211> LENGTH: 20

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66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Bone sialoprotein II-sense primer
72 <400> SEQUENCE: 5
73 aaacggcacc agtaccaaca,                20
76 <210> SEQ ID NO: 6
77 <211> LENGTH: 20
78 <212> TYPE: DNA
79 <213> ORGANISM: Artificial
81 <220> FEATURE:
82 <223> OTHER INFORMATION: Bone sialoprotein II-antisense primer
84 <400> SEQUENCE: 6
85 gccatcgtag ccttgtcctt                20
88 <210> SEQ ID NO: 7
89 <211> LENGTH: 20
90 <212> TYPE: DNA
91 <213> ORGANISM: Artificial
93 <220> FEATURE:
94 <223> OTHER INFORMATION: Osteocalcin-sense primer
96 <400> SEQUENCE: 7
97 gccatcgtag ccttgtcctt                20
100 <210> SEQ ID NO: 8
101 <211> LENGTH: 22
102 <212> TYPE: DNA
103 <213> ORGANISM: Artificial
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Osteocalcin-antisense primer
108 <400> SEQUENCE: 8
109 ggcagcgagg tagtgaagag ac            22
112 <210> SEQ ID NO: 9
113 <211> LENGTH: 20
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial
117 <220> FEATURE:
118 <223> OTHER INFORMATION: SkM-MHC-sense primer
120 <400> SEQUENCE: 9
121 ataggaacac ccaagccatc                20
124 <210> SEQ ID NO: 10
125 <211> LENGTH: 20
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial
129 <220> FEATURE:
130 <223> OTHER INFORMATION: SkM-MHC-antisense primer
132 <400> SEQUENCE: 10
133 ataggaacac ccaagccatc                20
136 <210> SEQ ID NO: 11
137 <211> LENGTH: 20
138 <212> TYPE: DNA

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139 <213> ORGANISM: Artificial
141 <220> FEATURE:
142 <223> OTHER INFORMATION: Myogenin-sense primer
144 <400> SEQUENCE: 11
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149 <211> LENGTH: 20
150 <212> TYPE: DNA
151 <213> ORGANISM: Artificial
153 <220> FEATURE:
154 <223> OTHER INFORMATION: Myogenin-antisense primer
156 <400> SEQUENCE: 12
157 gcatcgggaa gagaccagaa                                20
160 <210> SEQ ID NO: 13
161 <211> LENGTH: 20
162 <212> TYPE: DNA
163 <213> ORGANISM: Artificial
165 <220> FEATURE:
166 <223> OTHER INFORMATION: alpha1(II) collagen-sense primer
168 <400> SEQUENCE: 13
169 gcatcgggaa gagaccagaa                                20
172 <210> SEQ ID NO: 14
173 <211> LENGTH: 20
174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial
177 <220> FEATURE:
178 <223> OTHER INFORMATION: alpha1(II) collagen-antisense primer
180 <400> SEQUENCE: 14
181 agagtcttag agtgactgag                                20
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 23
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial
189 <220> FEATURE:
190 <223> OTHER INFORMATION: alpha1(X) collagen-sense primer
192 <400> SEQUENCE: 15
193 aatccctgga ccggtggaa ttc                                23
196 <210> SEQ ID NO: 16
197 <211> LENGTH: 23
198 <212> TYPE: DNA
199 <213> ORGANISM: Artificial
201 <220> FEATURE:
202 <223> OTHER INFORMATION: alpha1(X) collagen-antisense primer
204 <400> SEQUENCE: 16
205 ttgatgcctg gctgtcctgg acc                                23
208 <210> SEQ ID NO: 17
209 <211> LENGTH: 20
210 <212> TYPE: DNA
211 <213> ORGANISM: Artificial

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213 <220> FEATURE:
214 <223> OTHER INFORMATION: PPARGgamma-sense primer
216 <400> SEQUENCE: 17
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220 <210> SEQ ID NO: 18
221 <211> LENGTH: 20
222 <212> TYPE: DNA
223 <213> ORGANISM: Artificial
225 <220> FEATURE:
226 <223> OTHER INFORMATION: PPARGgamma-antisense primer
228 <400> SEQUENCE: 18
229 aggactcagg gtggttcagc                                20
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233 <211> LENGTH: 22
234 <212> TYPE: DNA
235 <213> ORGANISM: Artificial
237 <220> FEATURE:
238 <223> OTHER INFORMATION: aP2-sense-primer
240 <400> SEQUENCE: 19
241 tatgaaagaa gtaggagtgg gc                                22
244 <210> SEQ ID NO: 20
245 <211> LENGTH: 22
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial
249 <220> FEATURE:
250 <223> OTHER INFORMATION: aP2-antisense-primer
252 <400> SEQUENCE: 20
253 ccaccaccag tttatcatcc tc                                22
256 <210> SEQ ID NO: 21
257 <211> LENGTH: 20
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial
261 <220> FEATURE:
262 <223> OTHER INFORMATION: CD34-sense primer
264 <400> SEQUENCE: 21
265 cctcccaagt tttaggacaa                                20
268 <210> SEQ ID NO: 22
269 <211> LENGTH: 20
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial
273 <220> FEATURE:
274 <223> OTHER INFORMATION: CD34-antisense primer
276 <400> SEQUENCE: 22
277 cagctggtga taagggttag                                20
280 <210> SEQ ID NO: 23
281 <211> LENGTH: 21
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial
285 <220> FEATURE:

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Input Set : A:\sequence listing, text format.txt

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286 <223> OTHER INFORMATION: CD45-sense primer
288 <400> SEQUENCE: 23
289 aacctgaagt gatgattgct g                                     21
292 <210> SEQ ID NO: 24
293 <211> LENGTH: 20
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial
297 <220> FEATURE:
298 <223> OTHER INFORMATION: CD45-antisense primer
300 <400> SEQUENCE: 24
301 tacctcttct gtttccgcac                                     20
304 <210> SEQ ID NO: 25
305 <211> LENGTH: 20
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial
309 <220> FEATURE:
310 <223> OTHER INFORMATION: CD14-sense primer
312 <400> SEQUENCE: 25
313 ctgcgtgtgc tagcgctactc                                     20
316 <210> SEQ ID NO: 26
317 <211> LENGTH: 20
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial
321 <220> FEATURE:
322 <223> OTHER INFORMATION: CD14-antisense primer
324 <400> SEQUENCE: 26
325 cgtccagtgt caggttatcc                                     20
328 <210> SEQ ID NO: 27
329 <211> LENGTH: 20
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Cbfa1/Runx2-sense primer
336 <400> SEQUENCE: 27
337 gtcttaccctt tctacctga                                     20
340 <210> SEQ ID NO: 28
341 <211> LENGTH: 20
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial
345 <220> FEATURE:
346 <223> OTHER INFORMATION: Cbfa1/Runx2-antisense primer
348 <400> SEQUENCE: 28
349 tgcctggctc ttcttactga                                     20
352 <210> SEQ ID NO: 29
353 <211> LENGTH: 22
354 <212> TYPE: DNA
355 <213> ORGANISM: Artificial
357 <220> FEATURE:
358 <223> OTHER INFORMATION: MyoD-sense primer

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RAW SEQUENCE LISTING ERROR SUMMARY

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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27

Seq#:28,29,30,31,32,33,34

VERIFICATION SUMMARY

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Input Set : A:\sequence listing, text format.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date